

Vincennes County Office.
Blyde, 20 July 1902.

Engineer's report on contracts.

Contract No 431. - Forming Lurdis Road (Collings)

The work necessary to bring this contract up to the specification requirements has now been done.

Contract No. 451. - Forming and gravelling Lower
Hawea Road. (Collings)

This contract has been finished, but the gravel has been put on in a very unsatisfactory manner; the stones being much too large. Otherwise the work has been well done.

The contractor has been notified that when he removes the large stones the contract will be passed.

Contract No. 454. Moa creek footbridge,
Ida Valley (Henry Mills)

Nothing has yet been done on the ground towards making a start with this work; while the time for completion expired on 1st inst.

Contract 455. Forming Road Block 10
Poolburn (Pitche & Sinnamon)

This work has been satisfactorily completed; the time having been exceeded by about 2 months.

Contract No. 456. Forming and graveling
Wanaka - Brownell R. (Elliot)

This contract has been completed in a satisfactory manner. The time has been exceeded, but some extra work has been done, which no doubt accounts for it.

Contract No. 457 - Masonry Culvert at Young
Hill Creek (Cotterill)

The contractor has made a start with the work, the weather now being more favourable.

John Macdonald
County Engineer.

Vincennes County Offices
Clyde 20th July 1902

Estimates

Contract No. 458 - Bridge, Thomsons Creek
Carricks crossing £ 150
Less material supplied by Council 30
£ 120

Contract No. 459. Turning of graveling 19 chains
road Kawarau forge £ 40.

John M. Atkinson
County Engineer

VINCENT COUNTY OFFICES,

Clyde, March 26th, 1902.

REPORT ON BRIDGES AND FERRIES.

CROMWELL BRIDGE. In good order. A large quantity of material was washed on to the bridge by the recent storm, the weight of which must have been considerable, but no harm resulted.

MACANDREW BRIDGE. In good order.

CLYDE BRIDGE. Another of the main cross cills gave way lately, and has been renewed from the spare beams kept on hand.

ALEXANDRA BRIDGE. The wire netting groins have at last been completed, and will I hope do all that is expected of them. The bridge is in good repair.

O'CONNELL BRIDGE. This structure is holding out but will certainly be very far gone before the renewal takes place. There seems to be no hope, in the present state of the Govts finances, of obtaining authority to spend the Vote which appears on the Estimates. Perhaps, after 31st March, there may be some chance of obtaining it.

LOWBURN, LUCCATE, & ALBERTOWN FERRIES, are in good order.

D. S. Macgrorger
County Engineer.

VINCENT COUNTY OFFICES,

Clyde, March 24th, 1902.

REPORT ON ROADS.

CLYDE TO CROMWELL. This road has been greatly damaged by a very heavy fall of rain, and consequent flood. The damage is confined to the part between Gibraltar Hill, and Cromwell. Great quantities of rough material have been washed down, and on to the road; and at other parts it has been scoured out, and newly gravelled portions left quite bare. Near the Brewery some breaches were made in the lower side of road, and traffic was stopped for one day.

There are now a number of men at work, but it will take a considerable time to restore the road to its former condition. At the Brewery I intend putting in some scrub walls, in order that the proper width may be maintained. In this situation it would be useless to build stone walls, because they must be placed on a steep

£300

sidling, and the foundation material consists only of fine sand. I think that fully £300 will be needed for these repairs.

CROMWELL TO HAWEA. Part of this road, between Cromwell and Lowburn, was also damaged, but to nothing like the same extent as that previously mentioned. The new wall just opposite Cromwell, was well tested, water pouring through and over it. The surfaceman and another man are doing the necessary work. The upper part of the road is in good order, and the surfaceman has been employed principally on the side roads, such as the road to the Mine, to O'Donnell's, and the Tarras bye-roads. He is working on the last mentioned just now.

LINDIS ROAD. This is a bit rough and cut in some places, and I have instructed a man to do about three weeks work altogether, in certain parts.

CROMWELL TO WANAKA. In good order on the whole. Repairs at the Luggate are finished in the mean time, but I instructed the surfaceman to do some further gravelling there later on, as it has been rather skimped.

CLYDE TO LAUDER CREEK. A good deal of work has been done on the Chatto Creek - Ophir section of this road. Principally in the direction of making up low places with gravel, and forming. I have not been able to get out plans for the new culvert at Young Hill Creek as yet, my time during the past two months having been almost altogether occupied with the Clyde Waterworks.

CROMWELL TO NEVIS. Some little damage was done at Bannockburn by the same rain which was so disastrous to the Cromwell road, but it was not of a very serious nature, and the surfaceman with a little help will soon have it in order. The damage was confined to the Bannockburn side. The roads in Nevis Valley are reported by the surfaceman to be in good order, but owing to the wet weather the Upper Nevis section is becoming very soft. The Nevis Hydraulic Co have turned the road back into its former position, and as there are now tailings on it, it is better than before.

CLYDE TO TUAPEKA COUNTY BOUNDARY. This road is in good order, and no special repairs have been necessary.

SPOTTIS HUNDRED ROADS. These are in good order on the whole.

I have not received the information necessary to enable me to de-

side whether to employ rolled iron or steel beams, or built beams, for the proposed bridge near Corrigall's, and in any case I have not had time to attend to the matter as yet. A pipe has been put in on the road between Secs 9 and 46, Block 3, Lauder District.

OPHIR TO IDA VALLEY. In fair order. The surfaceman has been employed cutting up watertables in the rock, which is a somewhat slow job. A pipe has been put in on the Ida Valley side.

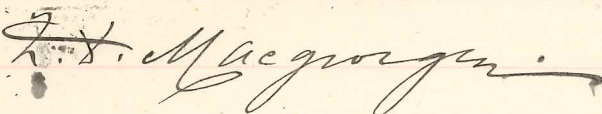
IDA VALLEY ROADS. These are in good order on the whole. The surfacemans attention has been directed to some necessary works.

RIVER WORKS NEAR LEASK'S. A scrub and wire wing dam has been in course of erection for some time, and was nearly completed, when the river came down in high flood, and wrecked the most of it. The man in charge reports that the river would probably have been turned (which was the object of the dam) in another day or two, but now we shall have the work to do again. This is going to be an expensive matter, and I would remind the Council that no credit £150 has ever been passed for the work. I think a sum of £150 should be voted.

HAWEA - MAKARORA. Two men were employed on this track for about four weeks, and it is now in good order. Some work has also been done on the dray road at Makarora.

CLYDE WATERWORKS. I have made surveys during the past two months of some race deviations, a site for a dam, and the various pipe lines leading to and within the Town. I decided to abandon the dam site previously selected, where Robertson now lives, and have

chosen and surveyed another much nearer the service reservoir. The new site has the great advantage of being very conveniently situated, but, in proportion to the height of embankment, and consequent cost of the works, the quantity of water impounded will be small. There will however be at least a weeks supply, and the works will be so situated that water from the Race can be turned direct into the service reservoir, if there should be any shortage. As the result of my investigations an order has been sent through the Public Works Office, for £750 worth of material. This is about the net cost at Home, and there will be freight and duty to pay here on arrival. The order includes about £100 worth of material the cost of which will be recovered from the persons obtaining water. The practice is for the Local Body to lay the service pipes up to the building line of streets, and for the consumer to do the remainder of the work at his own cost. I should like the Council to decide whether the other parts of the work, such as the impounding and service reservoirs, race deviations, and new iron flumes for the race, are to be proceeded with at once, and instruct me accordingly.


County Engineer.